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TEST PIT LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/6-2010

FEATURE No TP28
SHEET 1 of 1
DATE EXCAVATED 12/7/11

PROJECT Bruce Highway Upgrade (Cooroy to Curra) Section C
LOCATION Embankment 2 COORDINATES 473221.6 E; 7088609.0 N
PROJECT No FG5799 SURFACE R.L. 75.40 DATUM AHD SYSTEM MGA94 Zone 56
JOB No 232/10A/2 EQUIPMENT TYPE AND MODEL JCB Backhoe BUCKET SIZE 450mm

DEPTH (m)	R.L. (m)	METHOD	USC WEATHERING	SOIL DESCRIPTION	VDCP LOG (Cone Resistance)	ADDITIONAL DATA AND TEST RESULTS	SAMPLE NUMBER	TEST REPORT
				ROCK DESCRIPTION	VDCP28 (MPa)			
0	75.40	BUCKET	CH	SOIL TYPE : Colour, grain size, plasticity or particle characteristics, moisture, consistency, density, secondary components	0 4 8 12 16>20	FSV=114/40 kPa LL = 33; PI = 13; LS = 5.6; MC = 20.7%; WPI=658, WLS=291	11G0688	25211
	75.35			ROCK SUBSTANCE : Type, colour, grain characteristics, weathering, strength, structure, inclusions				
			GC	TOPSOIL Brown, moist, soft to firm, silty clay. High plasticity, organics throughout, trace fine sand, trace gravel up to 30mm. Clayey GRAVEL (Alluvium) Light grey, to brown, moist, dense. Intermediate plasticity.				
1	74.40		CH	Silty CLAY (Alluvium) Light grey mottled with orange, moist, very stiff. High plasticity.				
2			CH			MC = 26.8%	11G0689	24865
3	72.20					FSV=161/32 kPa		
	72.10		XW	METASILTSTONE XW: When excavated exhibits the properties of dark grey, moist, stiff, gravelly clay. Excavation terminated at 3.3m		3.2m: Slight Seepage		
4	71.40					MC = 20.6%	11G0690	24865

Q.L.D. DMR_LUB_01A.GLB_Log_A_TEST PIT LOG FG5799 - BRUCE HIGHWAY SECTION C TEST PIT LOGS.GPJ_DVX68622.GDW_Daigiel CPT Tool.qnl_AshLn 08/12/2011_16:01



REMARKS MC-Moisture Content, LL-Liquid Limit, PI-Plastic Index, LS-Linear Shrinkage, WPI=PI x % pass 0.425mm sieve.
WLS=LS x % pass 0.425mm sieve, FSV-Field Shear Vane, PP₍₃₀₎-Pocket Penetrometer, EC-Emerson Class Number

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